

Fig. 1

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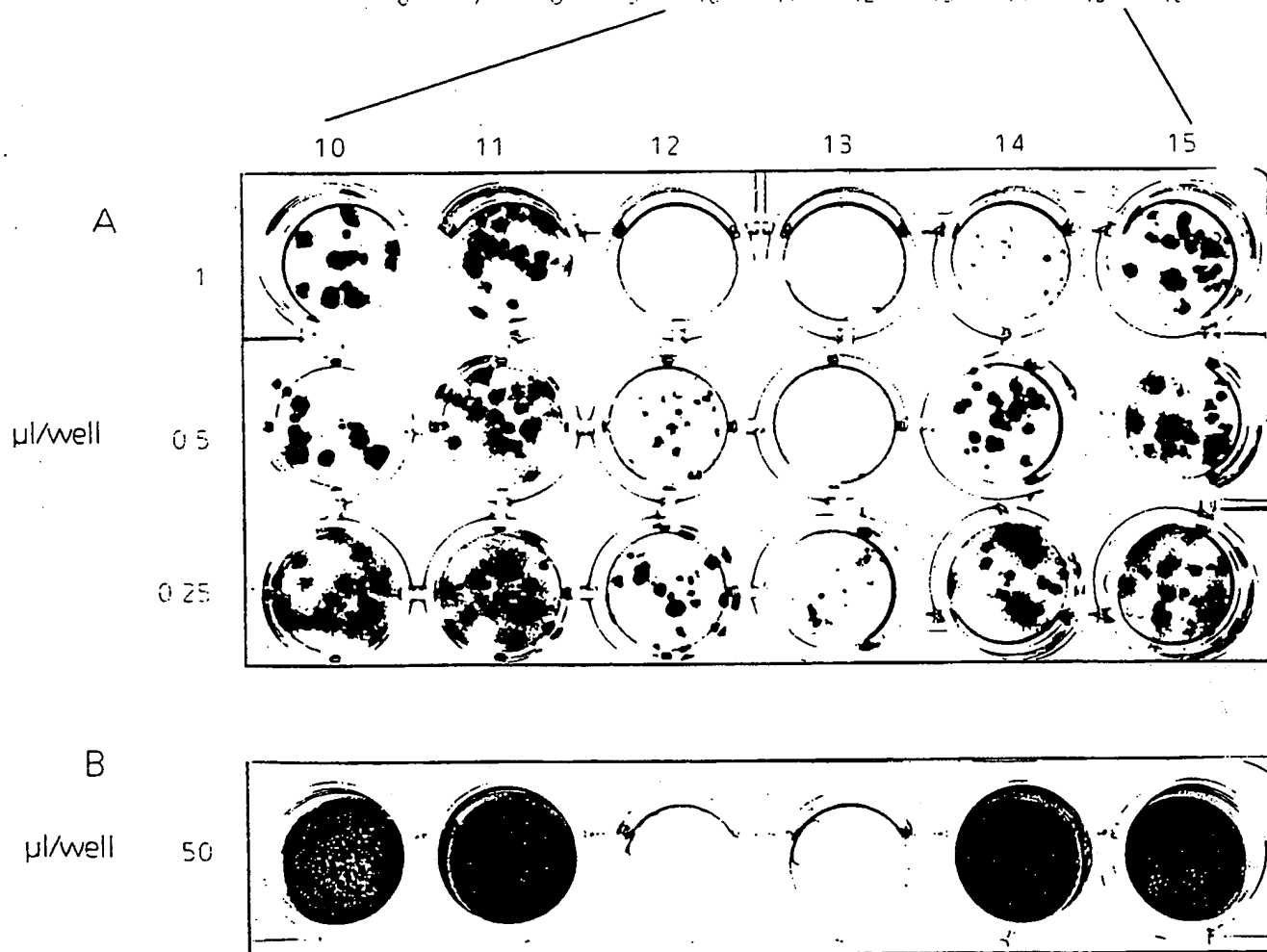
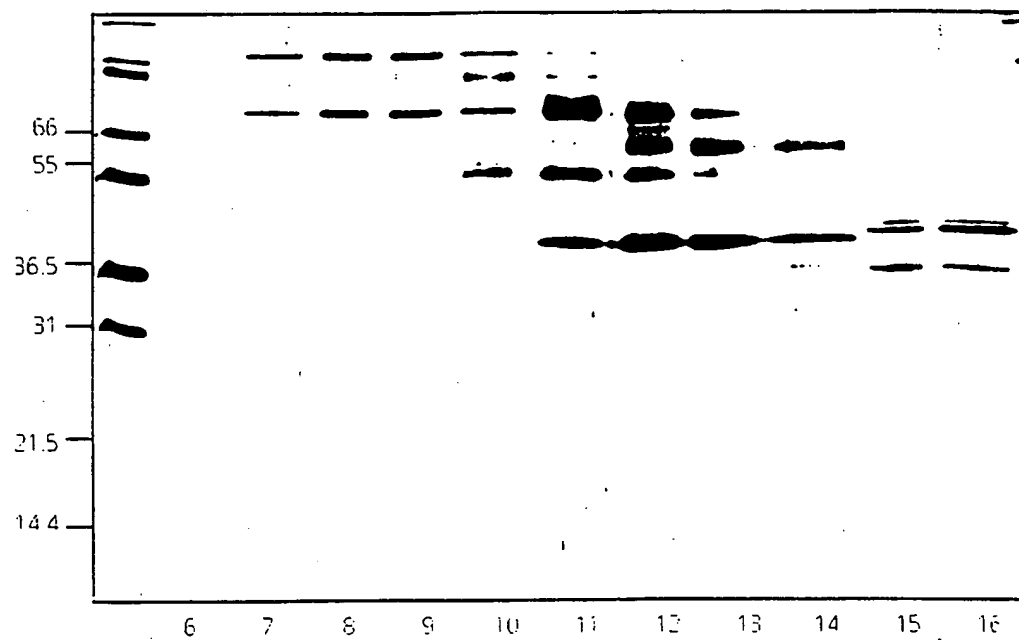


Fig. 2

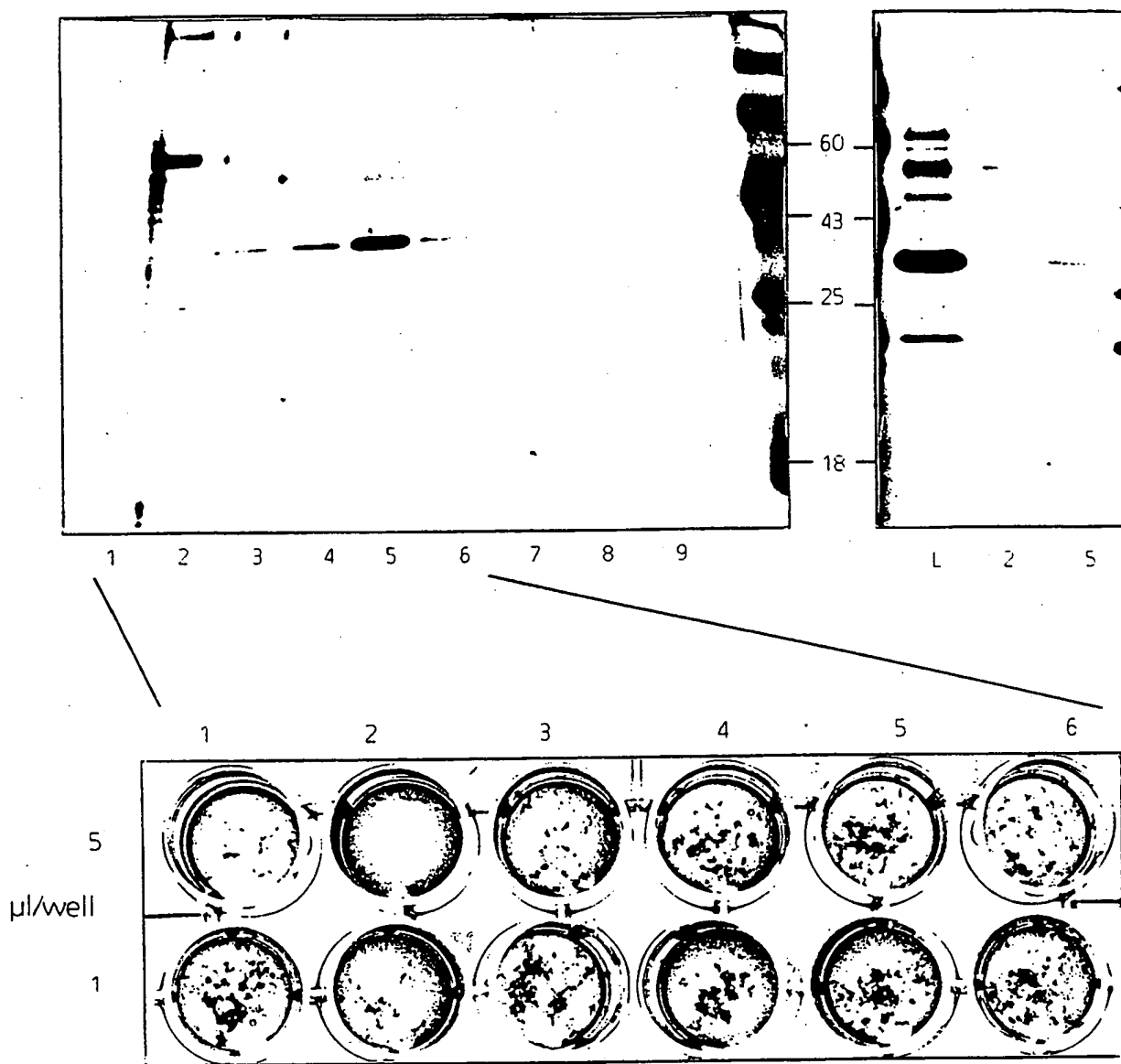
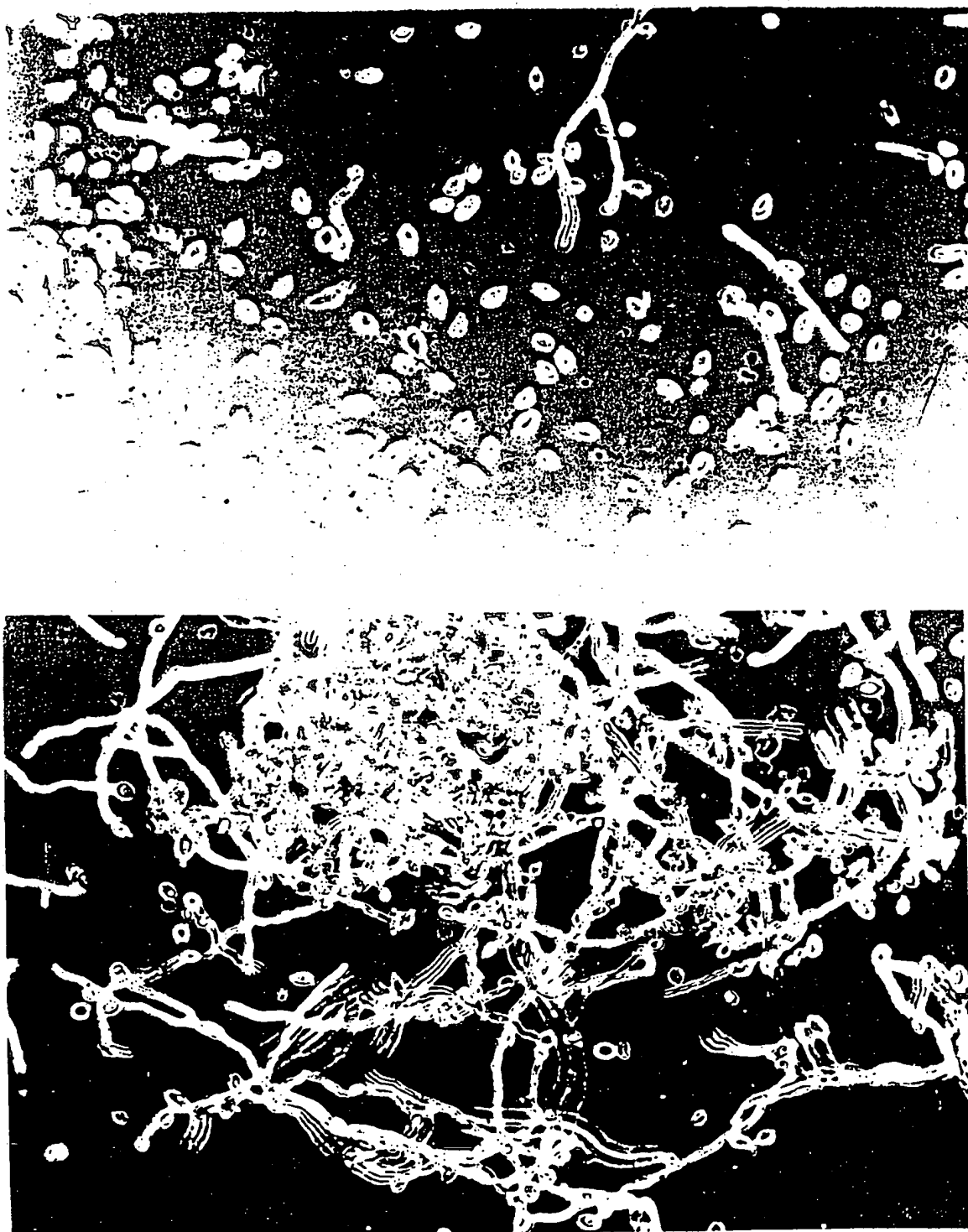


Fig. 3



RIGHT

LEFT

Fig. 4

65220" T885250

665220" TEO85260

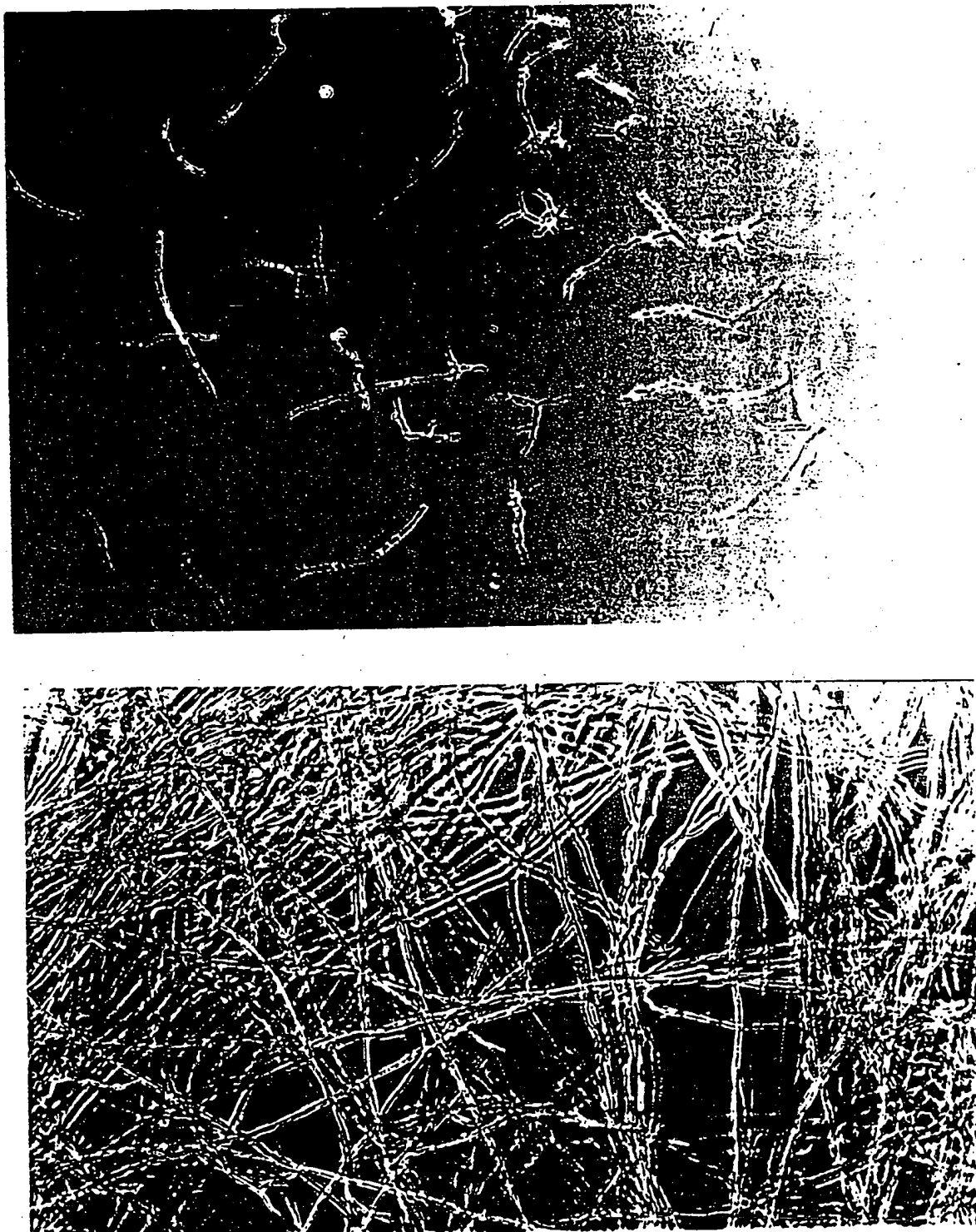


Fig. 5

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6 A

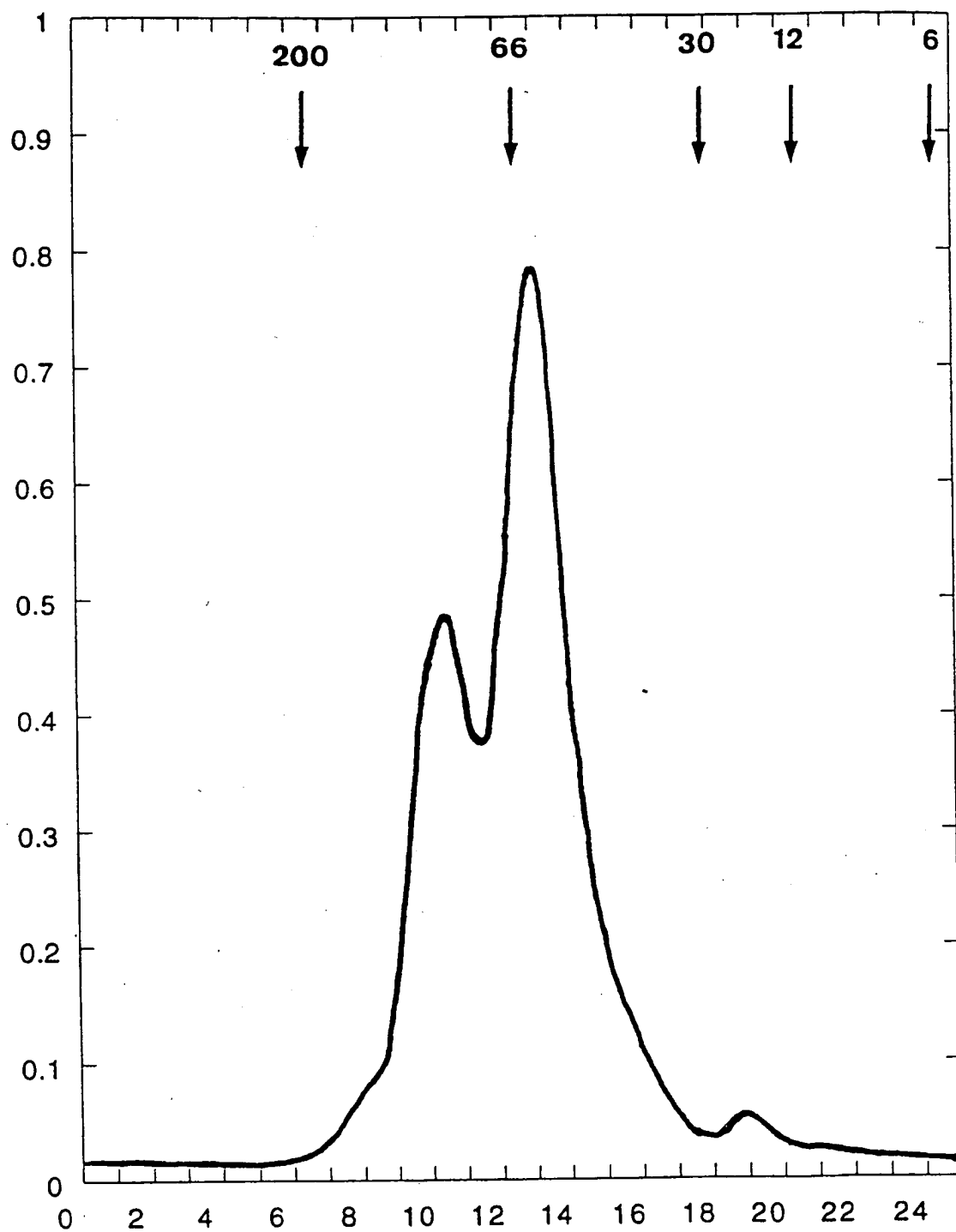


Fig. 6-1

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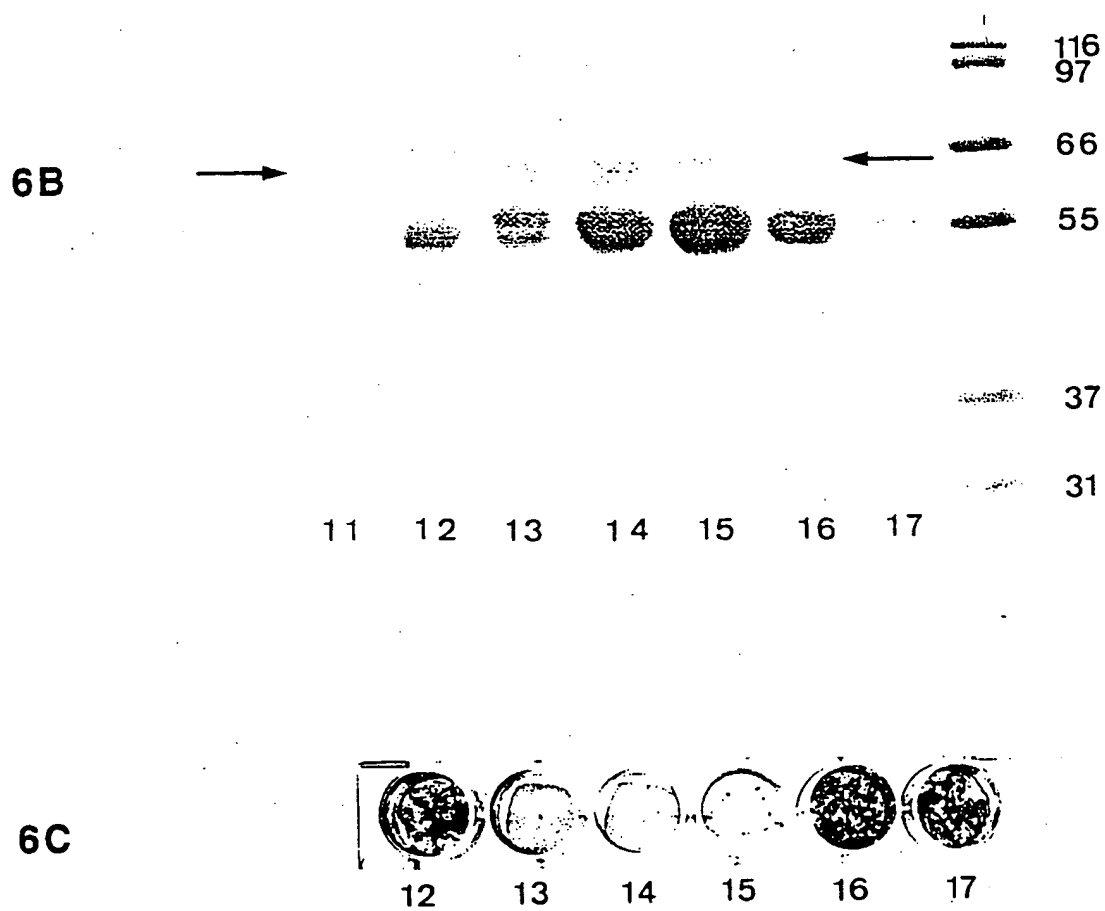


Fig. 6-2

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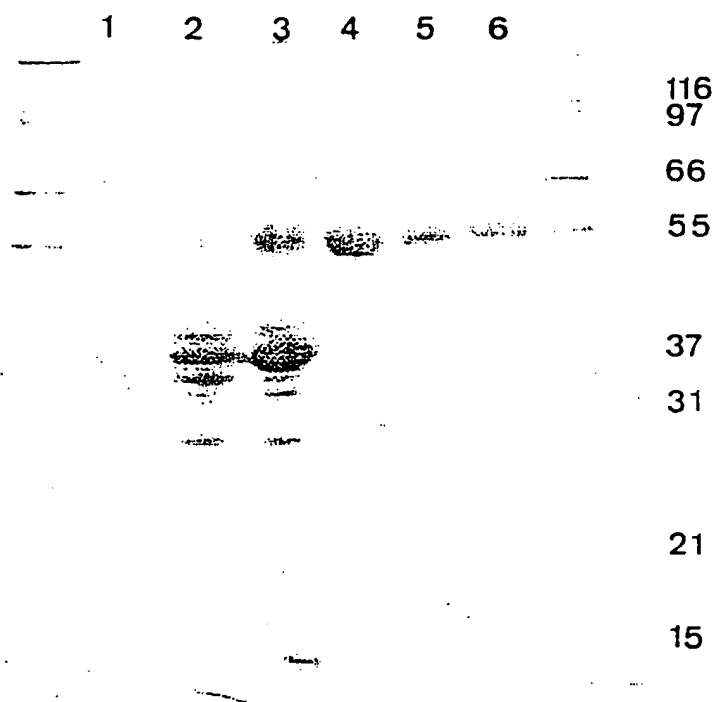


Fig. 7

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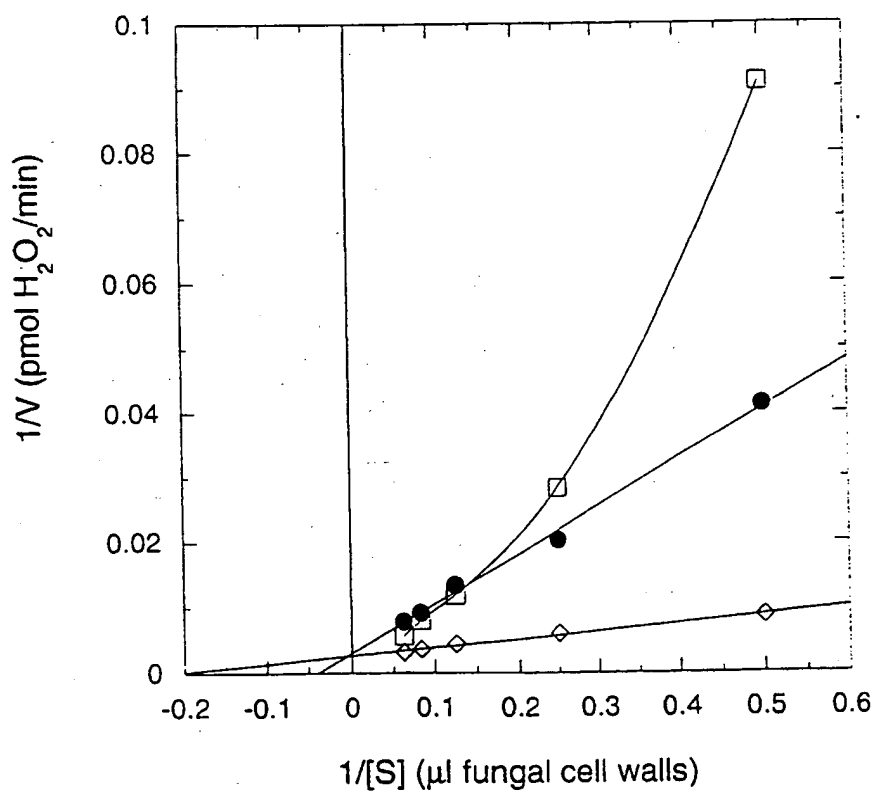
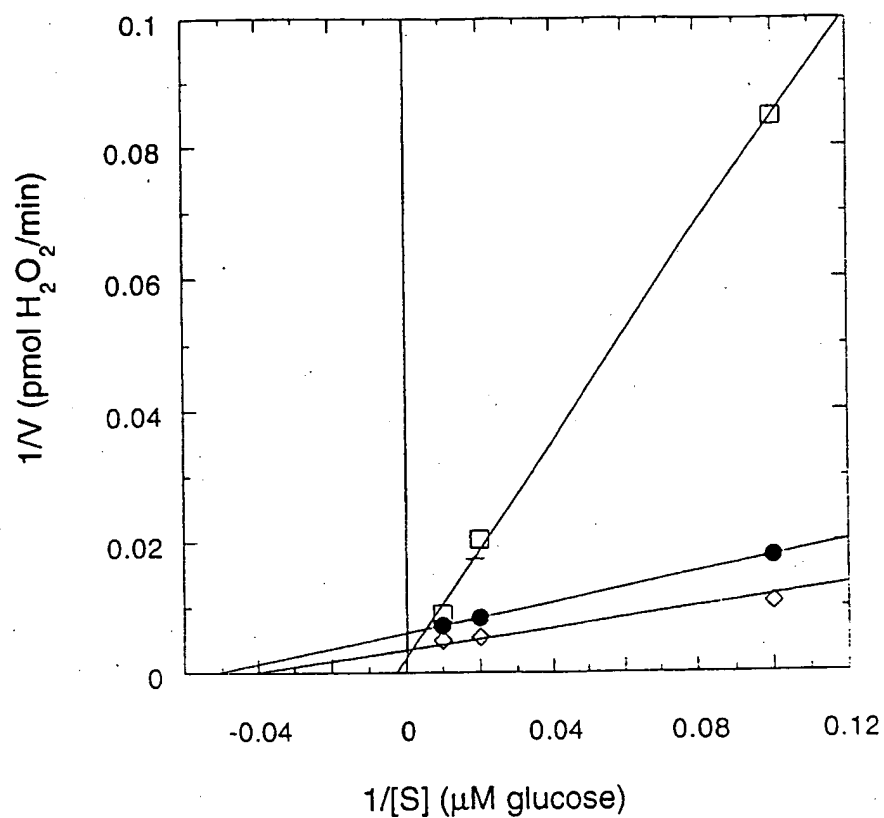


Fig. 8

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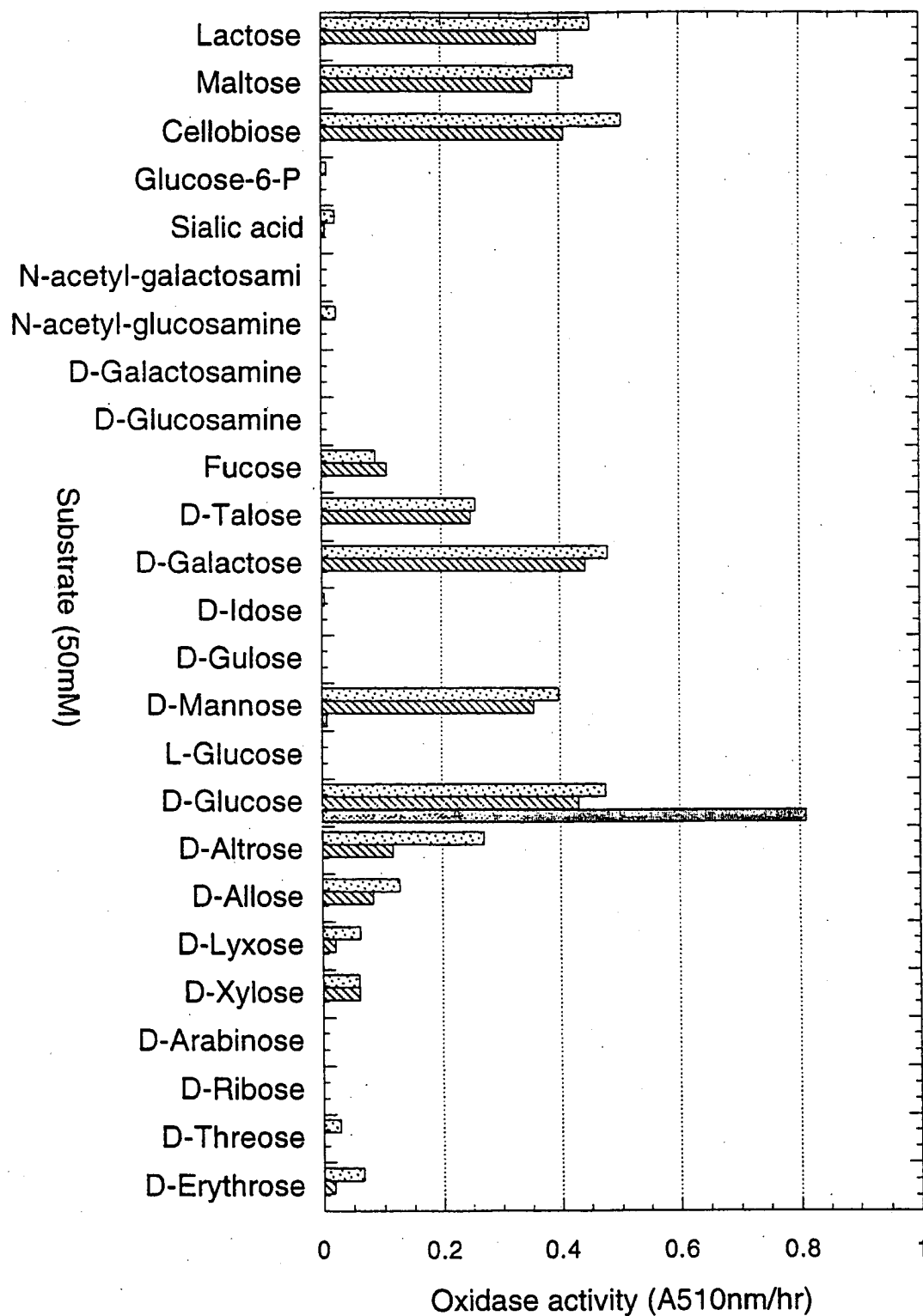


Fig. 9

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MS59 1 -----MQTSILTL L L L L L L S T Q S S A T S R S I T D - R F I Q C L H D R A D P S F P
 WL64 1 MAITYSFNFKSYIFPL L L L V L L S T H S S A T S T S I I D - R F T Q C L N N R A D P S F P
 At26 1 -----TSRRNSE-TFTQCLTSNSDPKHP
 At27 1 -----SIQD-QFINCVKRNTHVSPF
 EcBBE 1 -----MENKTPIFFSLSLFLSL L N C A L G G --ND--LLSCLTFNGVRNH-
 PsBBE 1 -----MMCRSLTLRFFFLFIVL-LQTCVRGGDVNDNLLSSCLNSHGVRNH-

MS59 42 ITGEVYTPGN--SSFPTVLQNYIRNLRFNETTTPKPFLLIITAEHVSHIQAA
 WL64 50 LSGQLYTPDN--SSFPSVLQAYIRNLRFNESTTPKPIILITALHPSHIQAA
 At26 23 ISPAIFFSGN--GSYSSVLQANIRNLRFNNTTSTPKPFLLIAATHESHVQA
 At27 20 LEKTLFTPAKNVSLFNQVLESTAQNLOFLAKSMKPGGFIFRPIHQSQVQA
 EcBBE 40 --TVFSADSD--SDFNRFHLHLSIQNPLFQNSLISKPSAAILPGSKEELSN
 PsBBE 44 --TTLSTDTN--SDYFKLLHASMONPLFAKPTVSKPSFIVMPGSKEELSS

MS59 90 AVVCGKQNRLLKTRSGGHDYEGLSYLTNTNQPFIVDMFNLR SINVDIE
 WL64 98 AVVCAKTHRLMLKTRSGGHDYEGLSYVTNSNQPFVDMFNLR SINVSIE
 At26 71 AITCGKRHNLOMKIRSGGHDYDGLSYVTYSGKPFVDMFNLR SVDVDVA
 At27 70 SIICSKKLGIFHRVRSGGHDFEALS YVSR IEKPFILDL SKLKQINVDIE
 EcBBE 86 TIRCI R KGSWTI RLRSGGHSYEGLSYTD--PFILIDLMLNLRVSI DLE
 PsBBE 90 TVHCCTRESWTI RLRSGGHSYEGLSYTD--PFVLDMMMLNRISIDVL

MS59 140 QETAWVQAGATLGEVYYRIA EKSNKHGFPAGVCPTVGVGGHFSGGGYGNL
 WL64 148 DETAWVQAGATLGEVYYRIA EKSN SHAF PAGVCPTVGVGGHFSGGGYGNL
 At26 121 SKTAWVQTGAILGEVYYIWEKSKTLAYPAGICPTVGVGGHISGGGYGNM
 At27 120 SNSAWVQPGATLGEVYYRIA EKSKI HGFPAGLCTSVGIGGYMTGGGYGTL
 EcBBE 134 SETAWVESGSTLGEVYAITESSSKLGFTAGWCPTVG TGGHISGGGF GMM
 PsBBE 138 SETAWVESGATLGEVYAI AQSTDTLGFTAGWCPTVGS GGGHISGGGF GMM

MS59 190 MRKYGLSVDNIVDAQI IDVNGKL LDRKSMGEDLFWAITGGGGVSFGVVLA
 WL64 198 MGKYGLSVDNIVDAQI IDVNGKL LNRKSMGEDLFWAITGGGGVSFGVVLA
 At26 171 MRKYGLTVDNTI DARMVDVNGKI LDRKLMGEDLYWAINGGGGSYGVVLA
 At27 170 MRKYGLAGDNVLDVKMVDANGKL LDRAAMGEDLFWAIRGGGGA SFGIVLA
 EcBBE 184 SRKYGLAADNVVDALIDANGATLDROAMGEDVFWAIRGGGGVWGA IYA
 PsBBE 188 SRKYGLAADNVVDALIDSNGA I LDREKMGDDVFWAIRGGGGVWGA IYA

MS59 240 YKIKLVRVPEVTVFTIERREEQNLS-TIAERWVQVADKLDRLDFLRMTF
 WL64 248 YKIKLVRVPTTVTVFNVRTSEQNLS-TIAHRWVQVADKLDMDLFLRMTF
 At26 221 YKINLVEVPENVTVFRISRTLEQNAT-DIHRWQVAPKLPDELFIRTVI
 At27 220 WKIKLVPVPTTVTVFTVKTLEQDARLKTISKWQOISSKIIEEIHIRVVL
 EcBBE 234 WKIKLVPVPEKVTVFRVTKNVAIDEATSL LHKWQVAAELED F---TL
 PsBBE 238 WKIKLVPVPEKLTVFRVTKNVGIEDASSL LHKWQVAAELED F---TV

MS59 289 SVINDTNG-GKTVRAIFPTLYLGNSRNLVTL LNKDFEPELGLOESDCTEMS
 WL64 297 NVINN TNG-EKTI RGLFPTLYLGNS TALVAL LNKDFEPELGVEISDCIEMS
 At26 270 DVVNGTVSSQKTVRTTEIAMFLGDTTTL L SILNRRFEPELGLVRS DCTETS
 At27 270 RAAGNDGN--KTVTMTYLGQFLGKGTLLKVM EKAFPELGLTQKDCTEMS
 EcBBE 280 SVLGGADE--KQVWL TMLGFHFG LKTVAKSTFDLLFEPELGLVEEDYLEMS
 PsBBE 284 SVLGGVNG--NDAWLMFLGHLGRKDAAKTIIDEKFEPELGLVDKFEQEMS

Fig. 10-1

005520" TEO85260

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MS59 338 WVESVLYYTGFPSTGPTPTALLS RTP - QRLNPFKIKSDYVQNPI SKRQFEF
 WL64 346 WIESVLFYTNFPIGTPTTALLS RTP - QRLNPFKIKSDYVKNITISKQGFES
 At26 320 WIQSVLFWTNIQVGSSETLLQORN - QPVNYLKRKSDYVREPI SRTGLES
 At27 318 WIEAALFHGGFPTGSPIELLLQLKSP LGKDYFKATSDFVKEPIPVIGFKG
 EcBBE 328 WGESFAYLAGLET - - VSQ LNNRFLKFDERAFKTKVDLTKEPLPSKAEY G
 PsBBE 332 WGESMAFLSGLDT - - ISELNNRFLKFDERAFKTKVDFTKVS VPLNVERH

MS59 1 FIFERLKELENQMLAFN PYGGRMSEISEFAK PFPHRSGNIAKIQYEVNWE
 WL64 1 SIFERMKELENQMLAFN PYGGRMSEISEFAK PFPHRSGNIAKIQYEVNWD
 At26 1 SIWKKMIELEIPTMAFN PYGGEMGRISSTVTPFPYRAGNLWKIQYGANWR
 At27 1 GIFKRLIEGNTTFLNWT PYGGMMSKIPE SAIPFPHRNGTLFKILYANWL
 EcBBE 1 GLLERLSKEPNGFIALNGFGGQMSKISSDFTPFPHRSGTRLMV EIVAVN
 PsBBE 1 HALEMLSEBPGGFIALNGFGGKMS EISTDFTPFPHRKGT KLMFEMI IAWN

MS59 51 DLSDEAENRYLNFTRLMYDYMT PPFVSKNPRKAFLNYRDL DIG - INSHG - -
 WL64 51 ELGVEAANRYLNFTRVMYDYMT PPFVSKNPREAFLNYRDL DIG - VNSHG - -
 At26 51 DET - - LTRYMELTRKL YQFMT PPFVSKNPRQSFFNYRDLV DIG - INSHNG -
 At27 51 END - KTS SRKINWIK EINYMAPYVSSNPRQA YVNYRDLDFG - QNKNN - -
 EcBBE 51 QSEQKKKTEFLDWLEKV YEFMK PPFVSKNPRLG YVNHIDL DLGGIDWGNKT
 PsBBE 51 QDEESKIGEFSEWLAKFYDYLE PPFVSKPRVGYVNHIDL DIGGIDWRNK S

MS59 98 -RNAYTEGMV - YGHKYFRET NYKRLVSVKTKVDPDNFFRNEQSIPTLSS -
 WL64 98 -KNAYGEGMV - YGHKYFRET NYKRLTMVKTRVDPDNFFRNEQSIPTLSSS
 At26 97 KISSYVEGKR - YGKKYFAG - NFERLVKIKTRVDSGNFFRNEQSIPLP - -
 At27 97 AKVNFIEAKI - WGPKYFKG - NFDRLVKIKTKVDPDNFFRHEQSIPPM PY -
 EcBBE 101 VVNNAI EISRSWGESYF LS - NYERLIRAKTLIDPNNVFNHPQSIPPMANF
 PsBBE 101 STTNAVEIARNWGERYFSS - NYERLVKAKTLIDPNNVFNHPQSIPPMMKF

MS59 -----
 WL64 146 WK -----
 At26 -----
 At27 -----
 EcBBE 150 D - - YLEKTLGSDGGEVV I
 PsBBE 150 EEIYMLKEL - - - - -

Fig. 10-2

665220 "T.E.085260